

13. A thermoplastic resin injection molding machine as claimed in claim 3, in which the energizing means comprises a fluid-pressure cylinder.

14. A thermoplastic resin injection molding machine as claimed in claim 3, in which the energizing means comprises an electric actuator.

15. A thermoplastic resin injection molding machine as claimed in claim 6, further comprising a pressure sensor for detecting a resin pressure in said buffering chamber, and resin-pressure controlling means for controlling said energizing means correspondingly to the value detected by the pressure sensor, so that the resin pressure in the buffering chamber is kept substantially constant.

16. A thermoplastic resin injection molding machine as claimed in claim 4, further comprising a position detecting sensor for detecting a displacement of said plunger, and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

17. A thermoplastic resin injection molding machine as claimed in claim 5, further comprising a position detecting sensor for detecting a displacement of said plunger, and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

18. A thermoplastic resin injection molding machine as claimed in claim 6, further comprising a position detecting sensor for detecting a displacement of said plunger, and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

19. A thermoplastic resin injection molding machine as claimed in claim 7, further comprising a position detecting sensor for detecting a displacement of said plunger, and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

20. A thermoplastic resin injection molding machine as claimed in claim 8, further comprising a position detecting sensor for detecting a displacement of said plunger, and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

21. A thermoplastic resin injection molding machine as claimed in claim 4, further comprising a position detecting sensor for detecting a displacement of the screw,

and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

22. A thermoplastic resin injection molding machine as claimed in claim 5, further comprising a position detecting sensor for detecting a displacement of the screw, and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

23. A thermoplastic resin injection molding machine as claimed in claim 6, further comprising a position detecting sensor for detecting a displacement of the screw, and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

24. A thermoplastic resin injection molding machine as claimed in claim 7, further comprising a position detecting sensor for detecting a displacement of the screw, and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

25. A thermoplastic resin injection molding machine as claimed in claim 8, further comprising a position detecting sensor for detecting a displacement of the screw, and plastication-controlling means for controlling the plasticating unit correspondingly to the displacement.

*Sub 3*  
26. ~~A thermoplastic resin injection molding machine as claimed in claim 2, in which the plasticating unit carries out the plastication of the resin continuously during all the period of the molding cycle.~~

27. A thermoplastic resin injection molding machine as claimed in claim 3, in which the plasticating unit carries out the plastication of the resin continuously during all the period of the molding cycle.

28. A thermoplastic resin injection molding machine as claimed in claim 4, in which the plasticating unit carries out the plastication of the resin continuously during all the period of the molding cycle.

29. A thermoplastic resin injection molding machine as claimed in claim 5, in which the plasticating unit carries out the plastication of the resin continuously during all the period of the molding cycle.

30. ~~A thermoplastic resin injection molding machine as claimed in claim 6, in~~

~~which the plasticating unit carries out the plastication of the resin continuously during all the period of the molding cycle.~~

31. A thermoplastic resin injection molding machine as claimed in claim 7, in which the plasticating unit carries out the plastication of the resin continuously during all the period of the molding cycle.

32. A thermoplastic resin injection molding machine as claimed in claim 8, in which the plasticating unit carries out the plastication of the resin continuously during all the period of the molding cycle.

33. A thermoplastic resin injection molding machine as claimed in claim 9, in which the plasticating unit carries out the plastication of the resin continuously during all the period of the molding cycle.

34. A thermoplastic resin injection molding machine as claimed in claim 10, in which the plasticating unit carries out the plastication of the resin continuously during all the period of the molding cycle.

REMARKS

In the event that there are any questions concerning this amendment, or the application in general, the Examiner is respectfully urged to telephone the undersigned so that prosecution of the application may be expedited.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS

By:

Platon N. Mandros

Registration No. 22,124

P.O. Box 1404  
Alexandria, Va. 22313-1404  
(703) 836-6620  
Dated: December 23, 1999